

Please type a plus sign (+) inside this box → ☐

PTO/SB/82 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number 09/213,613

Filing Date December 18, 1998

First Named Inventor Gupta, Reema

Group Art Unit 2154

Examiner Name Caldwell, A.

Attorney Docket Number EMC-97-060

RECEIVED

JAN 16 2002

Technology Center 2100

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:

☐ Customer Number

24227

Place Customer
Number Bar Code
Label here

OR

☐ Firm or
Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name

Krishnendu Gupta (Regn. No. 37,977), EMC Corporation, Hopkinton, MA 01748

Signature

Krishnendu Gupta

Date

11/9/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/213,613
Filing Date	December 18, 1998
First Named Inventor	Gupta, Reema
Title	Messaging Mechanism for Inter Processor
Group Art Unit	2154
Examiner Name	Caldwell, A.
Attorney Docket Number	EMC-97-060

RECEIVED
JAN 16 2002
Technology Center 2100

I hereby appoint:

☒ Practitioners at Customer Number

☐ Practitioner(s) named below:

Name	Registration Number



as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

Place Customer Number Bar Code Label here

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone		Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

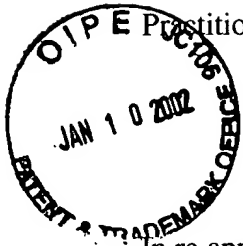
SIGNATURE of Applicant or Assignee of Record

Name	Krishnendu Gupta (Reg. No. 37,977) EMC Corporation, Hopkinton, MA 01748
Signature	<i>Krishnendu Gupta</i>
Date	11/9/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JAN 16 2002

In re application of:

Application No.:

Filed:

Title:

Gupta, Reema

09/213,613

December 18, 1998

Messaging Mechanism for Inter Processor Communication

Group No.: 2154

Examiner: Caldwell, A.

Technology Center 2100

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

JAN 16 2002

STATEMENT UNDER 37 C.F.R. Section 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

Technology Center 2600

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

EMC CORPORATION

2. Name of assignee: EMC Corporation
Type of assignee: Corporation

PERSON AUTHORIZED TO SIGN

3. Name of person authorized to sign on behalf of assignee: Krishnendu Gupta
Title of person authorized to sign: Intellectual Property Counsel

I, the person signing below, state that I am empowered to sign this statement on behalf of the assignee.

BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established as follows:

1. An assignment from the inventor(s) of the matter identified above, which was recorded in the PTO on March 8, 1999 at Reel 9816, Frame 0564.

COPIES OF DOCUMENTS IN CHAIN OF TITLE

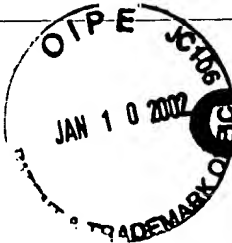
Copies of the assignment(s) or other document(s) in the chain of title are attached hereto.

Date: 11/9/01

Krishnendu Gupta

Signature of authorized person

Krishnendu Gupta (Reg. No. 37,977)
Intellectual Property Counsel
EMC Corporation
Parkwood Drive, MA 01748
508-435-1000 x76654



COPY



19898/5

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



100988944A

JUNE 01, 1999

PTAS
BROWN, RUDNICK, FREED & GESMER, LLP
BRIAN L. MICHAELIS
ONE FINANCIAL CENTER, 18TH FLOOR
BOSTON, MA 02111

RECEIVED

JAN 16 2002

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT *Technology Center 2100*

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/08/1999

REEL/FRAME: 9816/0564
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
GUPTA, REEMA

DOC DATE: 02/24/1999

ASSIGNOR:
WANG, YAO

DOC DATE: 03/03/1999

ASSIGNOR:
TRINGALE, ALESIA

DOC DATE: 03/01/1999

ASSIGNEE:
EMC CORPORATION
171 SOUTH STREET
HOPKINTON, MASSACHUSETTS 01748

RECEIVED
JAN 16 2002
Technology Center 2600

SERIAL NUMBER: 09213613
PATENT NUMBER:

FILING DATE: 12/18/1998
ISSUE DATE:

Received 6/8/99
Docketed _____

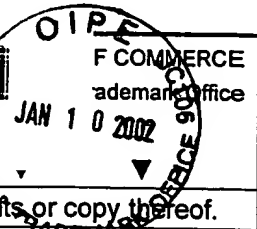
9816/0564 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

8-19-1999



100988944



Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Reema Gupta, Yao Wang and Alesia Tringale

OPR/FINANCE

2. Name and address of receiving party(ies):

Name: EMC Corporation

Address: 171 South Street

RECEIVED

JAN 16 2002

Technology Center 2100

City: Hopkinton

State/Prov.: MA

Country: _____

ZIP: 01748

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: February 24, March 3 and 1, 1999

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

09/213,613

December 18, 1998

RECEIVED

JAN 16 2002

Technology Center 2600

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian L. Michaelis.

Registration No. 34,221

Address: Box IP, 18th Floor

Brown, Rudnick, Freed & Gesmer, LLP

One Financial Center, 18th Floor

City: Boston

State/Prov.: MA

Country: _____

ZIP: 02111

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0369

03/19/1999 00000051 09213613

01 FC:581

40.00 OP

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian L. Michaelis (34,221)

Brian Michaelis

March 8, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

4

ASSIGNMENT


WHEREAS, we, **Reema GUPTA**, of 12 Donovan Drive, Framingham, Massachusetts 01701, **Yao WANG**, of 25 Hawthorne Road, Shrewsbury, Massachusetts 01545, and **Alesia TRINGALE**, of 3 Kenilworth Road, Worcester, Massachusetts 01602, for good and valuable consideration from **EMC CORPORATION**, 171 South Street, Hopkinton, Massachusetts 01748, a Massachusetts corporation, having its principal place of business in Hopkinton, Massachusetts 01748, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States filed on December 18, 1998, Serial No. 09/213,613 signed by us for improvements in **MESSAGING MECHANISM FOR INTER PROCESSOR COMMUNICATION** including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grants the law firm of **BROWN RUDNICK FEED & GESMER**, P.C. of One Financial Center, Boston, Massachusetts 02111, U.S.A., the power to insert on this

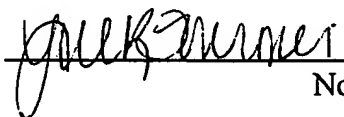
Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I, Reema GUPTA, hereunto set my hand and seal this 24th day of February, 1999.

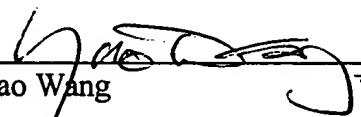

Reema Gupta

Commonwealth of Massachusetts
County of Middlesex

Before me this 24th day of February, 1999, personally appeared Reema Gupta, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.



Notary Public

IN WITNESS WHEREOF, I, Yao WANG, hereunto set my hand and seal this 3rd day of March, 1999.


Yao Wang

Commonwealth of Massachusetts
County of Middlesex

Before me this 3rd day of March, 1999, personally appeared Yao Wang, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.


Notary Public

1st IN WITNESS WHEREOF, I, Alesia TRINGALE, hereunto set my hand and seal this ____
day of March, 1999.

Alesia Tringale
Alesia Tringale

Commonwealth of Massachusetts

County of Middlesex

Before me this 1st day of March, 1999, personally appeared Alesia Tringale,
who is to me personally known, and acknowledged the foregoing instrument of assignment to be
his free act and deed.

[Signature]
Notary Public

JAN 10 2002

2154

Please type a plus sign (+) inside this box ➔ ☐PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/213,613
	Filing Date	December 18, 1998
	First Named Inventor	Gupta, Reema
	Group Art/Unit	2154
	Examiner Name	Caldwell, A.
Total Number of Pages in This Submission	Attorney Docket Number	EMC-97-060 Technology Center 2100

RECEIVED

JAN 16 2002

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): Statement Under 37 CFR 3.73(b) Copy of Recorded Assignment and Recordation Cover Sheet Certificate of First Class Mailing Postcard
Remarks	RECEIVED JAN 16 2002 Technology Center 2600	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Krishnendu Gupta (Reg. No. 37,977), EMC Corporation, Office of the General Counsel, 35 Parkwood Drive, Hopkinton, MA 01748
Signature	<i>Krishnendu Gupta</i>
Date	11/9/01

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 11/12/01	
Typed or printed name	Julie Mazarella
Signature	<i>Julie Mazarella</i>
Date	11/12/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.